CIVIL TECH LABS

Accredited by **NABL** as per ISO/ IEC 17025 : 2005

5, 1st Cross, Srinivasa Colony, Mission Road, Bangalore - 560027

Ph: 080 - 4114 2867 / Mob. : 96862 31801, Email: civiltechlabs@gmail.com

T-2654

To,

Assistant Executive Engineer
Kodegahalli Sub Division,
BBMP.

12th April 2014

Dear Sir,

Sub: Improvements to road and drain in ward no. 08, (Kodegahalli).
Testing of cubes – Reg.

As requested the 28th day Compressive Strength Test of Cubes was carried out for the above work for the samples supplied by you.

Please find the enclosed Test Reports of the above.

Thanking you,

For Civil Tech Labs

CIVIL TECH LABS BANGALORE

(KHUSHBOO L.)
Deputy Manager

CIVIL TECH LABS

TEST REPORT ON CONCRETE CUBES

Name of the Client	AEE, Kodegahalli Sub Division, BBMP
Project	Improvements to road and drain in ward no. 08, (Kodegahalli).
Agency	Sri. C Narasaraju
Grade of Concrete	M-20
No. of cubes tested	3
Dimension of Specimen	150mmx150mmx150mm
Cross Sectional Area	22500 Sq.mm
Technical Reference	IS: 516-1959(Reaffirmed 2004)

Sl.No	Identification	Date of Casting	Date of Testing	Age at test (Days)	Weight (Kg)	Failure Load (KN)	Compressive Strength (N/Sq.mm)	Avg Compressive Strength (N/Sq.mm)
1	CC-Work (Pavement)	15/03/2014	12/04/2014	28	8.18	470	20.89	20.96
2					8.17	465	20.67	
3					8.19	480	21.33	

Note:

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Lab Incharge
Civil Tech Labs

CIVIL TECH LABS
BANGALORE

CIVIL TECH LABS
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Assistant Executive Engineer,
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore

CIVIL TECH LABS

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Ph: 080 - 4114 2867 / Mob. : 96862 31801, Email: civiltechlabs@gmail.com

T-2654

To,

Assistant Executive Engineer
Kodegahalli Sub Division,
BBMP.

03rd March 2014

Dear Sir,

Sub: Testing of Materials.

As requested, the required tests were carried out for the samples supplied by you, for the work of **'Improvements to road and drain in ward no. 08, (Kodegahalli).'**

Please find the enclosed Test Reports of the above.

Thanking You,
For Civil Tech Labs

CIVIL TECH LABS BANGALORE

(KHUSHBOO L.)
Deputy Manager

CIVILTECH LABS

TEST REPORT ON FINE AGGREGATES Ref:IS:383/2386

Name of the Client	AEE, Kodegahalli Sub Division, BBMP
Name of Work	Improvements to road and drain in ward no. 08, (Kodegahalli).
Agency Name	Sri. C Narasaraju

Sample	Date of Testing	Specific Gravity	IS Sieve designation (mm)	Sieve Analysis (% Passing IS Sieve)	Grading Requirement As Per IS 383-1970				Grading Zone
					ZONE-I	ZONE-II	ZONE-III	ZONE-IV	
Fine Aggregates	03/03/2014	2.57	10	100	100	100	100	100	II
			4.75	97	90-100	90-100	90-100	95-100	
			2.36	83	60-95	75-100	85-100	95-100	
			1.18	74	30-70	55-90	75-100	90-100	
			0.6	47	15-34	35-59	60-79	80-100	
			0.3	23	5-20	8-30	12-40	15-50	
			0.15	7	0-10	0-10	0-10	0-15	

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Lab Incharge
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CIVIL TECH LABS BANGALORE

Assistant Executive Engineer
Kodigehalli Sub Division,

CIVILTECH LABS

TEST REPORT ON CEMENT

Name of the Client	AEE, Kodegahalli Sub Division, BBMP
Name of Work	Improvements to road and drain in ward no. 08, (Kodegahalli).
Agency Name	Sri. C Narasaraju

Tests on Cement	Test Date	Tests	Test Method As Per IS & Apparatus		Results		Requirements As Per IS 8112 1989	Remarks
			IS Code	Method	Value	Unit		
	03/03/2014	Initial Setting Time	IS-4031 (Part-5) 1988	VICAT	53	min	Not Less Than 30 Minutes	Satisfies Requirement
		Final Setting Time	IS-4031 (Part-5) 1988	VICAT	482	min	Not More Than 600 Minutes	Satisfies Requirement
		Soundness	IS-4031 (Part-3) 1988	LE-CHATELIER	3	mm	Not More Than 10 mm	Satisfies Requirement

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CIVIL TECH LABS BANGALORE

A.E.E.

Assistant Executive Engineer,
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.
Bangalore.

CIVILTECH LABS

TEST REPORT ON COARSE AGGREGATES 40mm ↓ Graded Ref:IS:383/2386

Name of the Client	AEE, Kodegahalli Sub Division, BBMP
Name of Work	Improvements to road and drain in ward no. 08, (Kodegahalli).
Agency Name	Sri. C Narasaraju

Sample	Date of Testing	Specific Gravity	Absorption in %	IS Sieve designation (mm)	Sieve Analysis (% Passing IS Sieve)	Grading Requirement As Per IS 383-1970	Remarks
40mm Down Graded	03/03/2014	2.68	0.27	80	100	100	Satisfies The Requirements
				40	97	95-100	
				20	53	30-70	
				10	26	10-35	
				4.75	4	0-5	

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Lab Incharge
Civil Tech Labs

CIVIL TECH LABS BANGALORE

AC-08

Assistant Executive Engineer,
Division,

CIVIL TECH LABS

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T-2654

To,

Assistant Executive Engineer
Kodigegahalli Sub Division,
BBMP Bangalore.

12th April 2014

Dear Sir,

Sub: Improvement to road and drain in ward no 08 Kodegahalli.
Testing of cubes – Reg.

As requested the 28th day Compressive Strength Test of Cubes was carried out for the above work for the samples supplied by you.

Please find the enclosed Test Reports of the above.

Thanking you,

For Civil Tech Labs,

CIVIL TECH LABS BANGALORE

(KHUSHBOO L.)
Deputy Quality Manager

CIVIL TECH LABS

TEST REPORT ON CONCRETE CUBES

Name of the Client	AEE, Kodigegahalli Sub Division, BBMP
Project	Improvement to road and drain in ward no 08 Kodegahalli.
Agency	Sri. C. Narasaraju
Grade of Concrete	M-20
No. of cubes tested	3
Dimension of Specimen	150mmx150mmx150mm
Cross Sectional Area	22500 Sq.mm
Technical Reference	IS: 516-1959(Reaffirmed 2004)

Sl.No	Identification	Date of Casting	Date of Testing	Age at test (Days)	Weight (Kg)	Failure Load (KN)	Compressive Strength (N/Sq.mm)	Avg Compressive Strength (N/Sq.mm)
1	Sample-1 (Pavement)	15/03/2014	12/04/2014	28	8.20	500	22.22	21.85
2					8.19	495	22.00	
3					8.18	480	21.33	

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Lab Incharge
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TEST REPORT ON CONCRETE CUBES

Name of the Client	AEE, Kodigegahalli Sub Division, BBMP
Project	Improvement to road and drain in ward no 08 Kodegahalli.
Agency	Sri. C. Narasaraju
Grade of Concrete	M-20
No. of cubes tested	3
Dimension of Specimen	150mmx150mmx150mm
Cross Sectional Area	22500 Sq.mm
Technical Reference	IS: 516-1959(Reaffirmed 2004)

Sl.No	Identification	Date of Casting	Date of Testing	Age at test (Days)	Weight (Kg)	Failure Load (KN)	Compressive Strength (N/Sq.mm)	Avg Compressive Strength (N/Sq.mm)
1	Sample-2 (Pavement)	15/03/2014	12/04/2014	28	8.19	495	22.00	22.00
2					8.18	490	21.78	
3					8.20	500	22.22	

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TEST REPORT ON CONCRETE CUBES

Name of the Client	AEE, Kodigegahalli Sub Division, BBMP
Project	Improvement to road and drain in ward no 08 Kodegahalli.
Agency	Sri. C. Narasaraju
Grade of Concrete	M-20
No. of cubes tested	3
Dimension of Specimen	150mmx150mmx150mm
Cross Sectional Area	22500 Sq.mm
Technical Reference	IS: 516-1959(Reaffirmed 2004)

Sl.No	Identification	Date of Casting	Date of Testing	Age at test (Days)	Weight (Kg)	Failure Load (KN)	Compressive Strength (N/Sq.mm)	Avg Compressive Strength (N/Sq.mm)
1	Sample-3 (Pavement)	15/03/2014	12/04/2014	28	8.19	495	22.00	21.93
2					8.18	485	21.56	
3					8.20	500	22.22	

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TEST REPORT ON CONCRETE CUBES

Name of the Client	AEE, Kodigegahalli Sub Division, BBMP
Project	Improvement to road and drain in ward no 08 Kodegahalli.
Agency	Sri. C. Narasaraju
Grade of Concrete	M-20
No. of cubes tested	3
Dimension of Specimen	150mmx150mmx150mm
Cross Sectional Area	22500 Sq.mm
Technical Reference	IS: 516-1959(Reaffirmed 2004)

Sl.No	Identification	Date of Casting	Date of Testing	Age at test (Days)	Weight (Kg)	Failure Load (KN)	Compressive Strength (N/Sq.mm)	Avg Compressive Strength (N/Sq.mm)
1	Sample-4 (Pavement)	15/03/2014	12/04/2014	28	8.20	505	22.44	22.37
2					8.21	510	22.67	
3					8.19	495	22.00	

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